

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	127	(method with contrast with remov\$3).clm.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/18 14:15
L4	29	L3 and ("604"/\$.ccls. or "600"/\$.ccls. or "606"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/18 14:16
L5	22	("4689041"   "4927412"   "5069662"   "5324260"   "5395331"   "5423745"   "5496277"   "5509900"   "5595181"   "5597377"   "5599329"   "5759170"   "5766151"   "5814016"   "5817046"   "5833671"   "5879499"   "5893841"   "5897533"   "5919163"   "6293920"   "6398752"   "WO9808455"   "WO9911316").PN. OR ("6554819").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:28
L6	90	("0486774"   "3647324"   "3864055"   "3957389"   "3970408"   "4037984"   "4048064"   "4192302"   "4445892"   "4546759"   "4573966"   "4610662"   "4696668"   "4714460"   "4820261"   "4883459"   "Re28742").PN. OR ("5069662").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 15:59
L7	159	(detect\$3 with (contrast with agent)).clm. and ("604"/\$.ccls. or "606"/\$.ccls. or "600"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/18 16:04
L8	2	("20020099254" "5399346").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/18 16:04
L9	711	128/898 and (remove and detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/18 17:53
L10	10	128/898 and (remove with detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/18 17:54
L11	1	604/500 and (remove with detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/18 17:54

## EAST Search History

S1	1	"20040254523"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 15:01
S2	1	("20040254523").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 16:16
S3	1	("20040044302").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 16:23
S4	3	("2058777").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 16:23
S5	1678	604/21	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:03
S6	446	(604/21).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:04
S7	6	S6 and aspiration and coronary and lumen	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:12
S8	7	S6 and aspiration and coronary	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:13
S9	22	S6 and aspirat\$4 and heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:13
S10	737	(604/35).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:18
S11	54	S10 and aspirat\$4 and heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:29
S12	2260	(604/27,28,29,30,31,32,33,34).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:30

## EAST Search History

S13	74	S12 and aspirat\$4 and heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:30
S14	60	S13 not S11	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:30
S15	773	(604/540,541,542,543,544).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:36
S16	24	S15 and aspirat\$4 and heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:37
S17	23	S16 not (S14 or S11)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:43
S18	259	(604/902).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:43
S19	11	S18 and (aspirat\$4 and heart)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:43
S20	1	("6346098").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:49
S21	1	("20050085769").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:49
S22	106	aspirat\$5 with (vascular or heart) with lumen	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 18:29
S23	99	S22 not (S14 or S17 or S19)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 18:39
S24	3	("2058777").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 09:05

## EAST Search History

S25	3	((("5916193") or ("5653690") or ("6021340"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 08:58
S26	4	((("5916193") or ("5653690") or ("6021340") or ("5814016"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 08:58
S27	2	MOVAHED-M-REZA.in.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:00
S28	3	((("5,653,690") or ("6,814,016") or ("5,916,193"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 09:00
S29	11	aspirating with catheter with heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:06
S30	103	(600/4).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 09:26
S31	9	S30 and aspirat\$4 and catheter	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:27
S32	0	("2002/0099254").URPN.	USPAT	OR	ON	2005/08/25 09:27
S33	669	aspirating with catheter	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:42
S34	282	S33 not balloon	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:42
S35	5	S34 with heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:42
S36	0	("2005/0159716").URPN.	USPAT	OR	ON	2005/08/25 09:44
S37	646	(604/317).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 09:44

## EAST Search History

S38	0	S37 and cathether with aspirator	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:44
S39	3	S37 and cathether	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:45
S40	15	S37 and catheter with aspirat\$4	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:45
S41	33	("4573966"   "4646736"   "4729763"   "4894051"   "5084013"   "5234403"   "5346469"   "5370609"   "5370653"   "5395332"   "5419774"   "5451233"   "5476450"   "5527292").PN. OR ("5827229").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/25 09:54
S42	209	(aspirat\$5 with catheter with blood) not occlu\$4	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 10:22
S43	1	("4051852").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 10:22
S44	2	("3903895").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 11:41

## EAST Search History

S45	54	(US-20020035347-\$ or US-20020177800-\$ or US-20030195536-\$ or US-20050027236-\$ or US-20040116902-\$ or US-20050159716-\$ or US-20020099254-\$ or US-20010044591-\$ or US-20030040736-\$).did. or (US-5527292-\$ or US-4666426-\$ or US-4648865-\$ or US-4563170-\$ or US-5827229-\$ or US-6398773-\$ or US-6849068-\$ or US-5984892-\$ or US-4759349-\$ or US-4240433-\$ or US-5441482-\$ or US-6562020-\$ or US-3963028-\$ or US-5358507-\$ or US-5522826-\$ or US-5588952-\$ or US-4228798-\$ or US-5419769-\$ or US-3623483-\$ or US-5656027-\$ or US-5009634-\$ or US-5728151-\$ or US-5928218-\$ or US-5938645-\$ or US-6406471-\$ or US-6723085-\$). did. or (US-5328459-\$ or US-5554136-\$ or US-4838855-\$ or US-5531672-\$ or US-6468262-\$ or US-4180074-\$ or US-5827243-\$ or US-5123903-\$ or US-6001078-\$ or US-5476450-\$ or US-6322513-\$ or US-4068664-\$ or US-6364847-\$ or US-5916193-\$ or US-5902264-\$ or US-4705501-\$ or US-5336176-\$ or US-6565535-\$).did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2005/08/25 12:00
S46	0	("L34andexpandablewithdistalwithcatheter").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 12:02
S47	6	S45 and expandable with distal with catheter	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 12:11
S48	19	S45 and ((sealable or closable or clos\$4) with (holes or apertures or openings or fenestr\$4))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 12:53
S49	1	("4753640").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 13:06

## EAST Search History

S50	1	("20030040736").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 15:05
S51	1	("4753640").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 15:07
S52	2	("3903895").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 15:07
S53	1	("20040254523").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/01/31 16:18
S54	753	(604/35).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/01/31 16:20
S55	42	S54 and (vascular and detect\$3)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 16:22
S56	21	S54 and (vascular and detect\$3 and (fiberoptic or (fiber adj optic)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 16:48
S57	2	S54 and (vascular and detect\$3 with (fiberoptic or (fiber adj optic)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 16:23
S58	6	("20020099254" "20030040736" "20040044302" "3903895" "4753640" "9888428").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 16:24
S59	5	S54 and (vascular and detect\$3 with fluid and (fiberoptic or (fiber adj optic)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 16:56
S60	455	(604/21).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/01/31 16:57
S61	18	S60 and (vascular and (fluid with (remove or suction or aspirate)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:09

## EAST Search History

S62	6	Fitzgerald-Peter-J.in.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:03
S63	0	(vascular with aspirator with fluid with detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:10
S64	0	(heart with aspirator with fluid with detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:10
S65	0	(vascula\$4 with aspirator with fluid and detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:11
S66	50	(vascula\$4 with aspirat\$4 and fluid and detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:11
S67	16	(vascula\$4 with aspirat\$4 and fluid with detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:22
S68	1876	(aspirat\$4 and fluid with detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:22
S69	1668	(aspirat\$4 and fluid with detect and (body or medical or surgical))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:22
S70	15	S69 and (aspirat\$4 with fluid with detect with (body or medical or surgical))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:23
S71	142	S69 and (aspirat\$4 with fluid with (body or medical or surgical))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:23



## EAST Search History

S72	298	(US-6165975-\$ or US-5296225-\$ or US-6251418-\$ or US-6472393-\$ or US-4895727-\$ or US-6086582-\$ or US-6358247-\$ or US-6416510-\$ or US-6511477-\$ or US-6423713-\$ or US-6372244-\$ or US-4841984-\$ or US-6403337-\$ or US-6963769-\$ or US-6264947-\$ or US-6361939-\$ or US-5936082-\$ or US-6313378-\$ or US-6423828-\$ or US-6319906-\$ or US-6365354-\$ or US-6383809-\$ or US-5799660-\$ or US-6706034-\$ or US-6458805-\$ or US-6432648-\$). did. or (US-6468756-\$ or US-6329336-\$ or US-6417180-\$ or US-6331564-\$ or US-6416960-\$ or US-6309879-\$ or US-6689121-\$ or US-5667799-\$ or US-6288120-\$ or US-6376502-\$ or US-5447947-\$ or US-5028594-\$ or US-6465495-\$ or US-6629969-\$ or US-6268222-\$ or US-5462752-\$ or US-5821057-\$ or US-6410044-\$ or US-6414149-\$ or US-6391980-\$ or US-5241012-\$ or US-6333182-\$ or US-5336495-\$ or US-6395544-\$ or US-6635027-\$ or US-6440988-\$ or US-6197324-\$). did. or (US-6277874-\$ or US-6287765-\$ or US-5457113-\$ or US-5462937-\$ or US-6372431-\$ or US-5230895-\$ or US-6271014-\$ or US-6346416-\$ or US-6433040-\$ or US-6254585-\$ or US-6261279-\$ or US-6413961-\$ or US-6420432-\$ or US-6251598-\$ or US-6333335-\$ or US-6315997-\$ or US-6312708-\$ or US-6319506-\$ or US-6328977-\$ or US-6337075-\$ or US-6462036-\$ or US-5377681-\$ or US-6251436-\$ or US-5324519-\$ or US-5599552-\$ or US-6261583-\$ or US-4398906-\$). did. or (US-4428744-\$ or US-4464166-\$ or US-4612007-\$ or US-4613322-\$ or US-4832940-\$ or US-5422339-\$ or US-6355635-\$ or US-6428982-\$ or US-5525490-\$ or US-5609629-\$ or US-6391305-\$ or US-6455066-\$ or US-6692458-\$ or US-6455308-\$ or US-5580569-\$ or US-5326568-\$ or US-6274312-\$ or US-6296847-\$ or US-6319500-\$ or US-6451335-\$ or US-6329365-\$ or US-6350741-\$ or US-6197789-\$ or US-5571151-\$ or US-5817144-\$ or US-6117128-\$ or US-5482698-\$). did. or (US-6458794-\$ or US-5877176-\$ or US-5880124-\$ or US-6153615-\$ or US-5256413-\$ or US-5874540-\$ or US-6387663-\$ or	USPAT	OR	ON	2006/02/01 10:47
12/18/2006 6:12:37 PM C:\Documents and Settings\japm17\My Documents\EAST\Workspaces\10803468.wsp Page 9						

## EAST Search History

S73	753	(604/35).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 11:01
S74	385	S73 and ((remove or withdraw or aspirat\$4) with (fluid or agent))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:02
S75	44	S74 and (cardiovascular or vena or venous )	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:21
S76	5	S74 and (contrast adj agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:23
S77	6	(Aspirate or remove or withdraw) adj (contrast adj agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:26
S78	29	(Aspirate or remove or withdraw) near2 (contrast adj agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:26
S79	29	S78 not "L6"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:26
S80	23	S78 not S77	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:27
S81	2	(aspirate or remove or withdraw) near2 (contrast adj agent) with (catheter or cannula) and ((venous or (vena adj cava)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:29
S82	2	(aspirate or remove or withdraw) near4 (contrast adj agent) with (catheter or cannula) and ((venous or (vena adj cava)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:29
S83	10	(aspirate or remove or withdraw) same (contrast adj agent) with (catheter or cannula) and ((venous or (vena adj cava)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:29
S84	0	("2004/0044302").URPN.	USPAT	OR	ON	2006/02/01 11:36
S85	629	(604/507,508).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 11:36

## EAST Search History

S86	109	S85 and (aspirate or remove or withdraw) with (agent or fluid)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:37
S87	109	S85 and ((aspirate or remove or withdraw) with (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:38
S88	162	S85 and ((aspirate or remove or withdraw) same (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:38
S89	87	S85 and ((aspirate or remove or withdraw) near4 (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:38
S90	7719	604/264, "93.01"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 12:03
S91	2588	(604/264,93.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 12:03
S92	2588	(604/264,93.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 12:03
S93	204	S92 and (((aspirate or remove or withdraw) near4 (agent or fluid or liquid)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 12:04
S94	193	S93 not S89	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 12:04

## EAST Search History

S95	72	(US-20040011740-\$ or US-20060013772-\$ or US-20020001838-\$ or US-20040167385-\$ or US-20020099254-\$ or US-20040054286-\$ or US-20050033197-\$ or US-20050159716-\$ or US-20020035347-\$ or US-20050027236-\$ or US-20030040736-\$ or US-20040116902-\$ or US-20040044302-\$ or US-20010044591-\$ or US-20020177800-\$ or US-20050085769-\$ or US-20030195536-\$).did. or (US-5728151-\$ or US-5799660-\$ or US-5055198-\$ or US-5588952-\$ or US-6322513-\$ or US-6364847-\$ or US-5419769-\$ or US-6960189-\$ or US-6565535-\$ or US-5527292-\$ or US-5827229-\$ or US-5484399-\$ or US-5123903-\$ or US-4750902-\$ or US-3963028-\$ or US-5554136-\$ or US-5938645-\$ or US-5779687-\$ or US-3623483-\$ or US-4068664-\$ or US-4759349-\$ or US-5009634-\$ or US-5902264-\$ or US-5476450-\$ or US-4180074-\$ or US-4316466-\$). did. or (US-5328459-\$ or US-5441482-\$ or US-4705501-\$ or US-6001078-\$ or US-5209717-\$ or US-6488671-\$ or US-5336176-\$ or US-5916193-\$ or US-6398773-\$ or US-6562020-\$ or US-6849068-\$ or US-5827243-\$ or US-4228798-\$ or US-4240433-\$ or US-4838855-\$ or US-5928218-\$ or US-6406471-\$ or US-6468262-\$ or US-6723085-\$ or US-5656027-\$ or US-4563170-\$ or US-4648865-\$ or US-5531672-\$ or US-4666426-\$ or US-5984892-\$ or US-5358507-\$ or US-5522826-\$). did. or (US-6158269-\$).did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/02/01 12:04
S96	192	S94 not S95	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:28
S97	3099	(604/523,524,525,526,527,528,529, 530,531,532).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 13:29

## EAST Search History

S98	106	S97 and ((aspirate or remover or withdraw) near4 (agent or fluid ))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:30
S99	3055	S97 not (S96 or S95)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:30
S10 0	3099	S97 not (S96 and S95)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:30
S10 1	84	S98 not (S96 or S95)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:37
S10 2	691	(604/540,543,902).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 13:37
S10 3	14919287	S102 (not S101 or S96 or S95)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:38
S10 4	663	S102 not (S101 or S96 or S95)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:38
S10 5	246	S104 and ((aspirat\$4 or remove or withdraw or suction) near4 (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:39
S10 6	236	S105 and (catheter or cannula or tube)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:39
S10 7	15	S106 and ((fluid or agent) with (detect or sense))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:40

## EAST Search History

S10 8	74	(US-20040011740-\$ or US-20060013772-\$ or US-20020001838-\$ or US-20040167385-\$ or US-20020099254-\$ or US-20040054286-\$ or US-20050033197-\$ or US-20050159716-\$ or US-20020035347-\$ or US-20050027236-\$ or US-20030040736-\$ or US-20040116902-\$ or US-20040044302-\$ or US-20010044591-\$ or US-20020177800-\$ or US-20050020973-\$ or US-20050085769-\$ or US-20030195536-\$).did. or (US-5728151-\$ or US-5799660-\$ or US-5055198-\$ or US-5588952-\$ or US-6322513-\$ or US-6364847-\$ or US-5419769-\$ or US-6960189-\$ or US-6565535-\$ or US-5527292-\$ or US-5827229-\$ or US-5484399-\$ or US-5123903-\$ or US-4750902-\$ or US-3963028-\$ or US-5554136-\$ or US-5938645-\$ or US-5779687-\$ or US-3623483-\$ or US-4068664-\$ or US-4759349-\$ or US-5009634-\$ or US-5902264-\$ or US-5476450-\$ or US-4180074-\$ or US-4316466-\$). did. or (US-5328459-\$ or US-5441482-\$ or US-4705501-\$ or US-6001078-\$ or US-5209717-\$ or US-6488671-\$ or US-5336176-\$ or US-5916193-\$ or US-6398773-\$ or US-6562020-\$ or US-6849068-\$ or US-5827243-\$ or US-4228798-\$ or US-4240433-\$ or US-4838855-\$ or US-5928218-\$ or US-6406471-\$ or US-6468262-\$ or US-6723085-\$ or US-5656027-\$ or US-4563170-\$ or US-4648865-\$ or US-5531672-\$ or US-4666426-\$ or US-5531679-\$ or US-5984892-\$ or US-5358507-\$). did. or (US-5522826-\$ or US-6158269-\$).did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/02/01 13:47
S10 9	2	(aspiration with catheter with (contrast adj agent))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:21

## EAST Search History

S11 0	41	(aspiration with catheter with (agent))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:25
S11 1	572	(600/309,156).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 14:25
S11 2	233	S111 and (catheter or needle or cannula)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:26
S11 3	2	S112 and (detect with agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:26
S11 4	18	S112 and (vasculature)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:48
S11 5	0	("bernard-steven-j.in.").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 14:48
S11 6	2	bernard-steven-j.in.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:49
S11 7	2	halpert-andrew-v.in.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:49
S11 8	58	gelfand-mark.in.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:56
S11 9	593	(210/646).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 14:56
S12 0	0	S119 and ((aspirate or remove or withdraw) near4 (agent or fluid) with (cardiovascula\$4 or vena or cava))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:57
S12 1	124	S119 and ((aspirate or remove or withdraw) near4 (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 15:04

## EAST Search History

S12 2	31	"210"/\$.ccls. and (contrast adj agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 15:06
S12 3	1	("4666426").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 15:06
S12 4	42	("4014333"   "4037599"   "4098275"   "4270535"   "4493696").PN. OR ("4666426").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/01 15:13
S12 5	6	("20020099254" "20030040736" "20040044302" "3903895" "4666426" "4753640").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/01 15:13
S12 6	0	("2002/0099254").URPN.	USPAT	OR	ON	2006/02/01 15:13



## EAST Search History

S12 7	80	(US-20040054286-\$ or US-20020035347-\$ or US-20020177800-\$ or US-20030195536-\$ or US-20040044302-\$ or US-20040011740-\$ or US-20020001838-\$ or US-20050033197-\$ or US-20050027236-\$ or US-20040116902-\$ or US-20040019310-\$ or US-20050159716-\$ or US-20040054315-\$ or US-20060013772-\$ or US-20050085769-\$ or US-20050020973-\$ or US-20020099254-\$ or US-20050230313-\$ or US-20040167385-\$ or US-20010044591-\$ or US-20030040736-\$).did. or (US-5527292-\$ or US-4563170-\$ or US-4648865-\$ or US-4666426-\$ or US-5827229-\$ or US-4316466-\$ or US-6398773-\$ or US-6849068-\$ or US-6960189-\$ or US-5984892-\$ or US-5779687-\$ or US-5799660-\$ or US-4759349-\$ or US-4240433-\$ or US-6929751-\$ or US-5441482-\$ or US-4787882-\$ or US-6562020-\$ or US-6488671-\$ or US-3963028-\$ or US-5358507-\$ or US-5522826-\$ or US-5588952-\$ or US-4228798-\$ or US-5419769-\$ or US-5484399-\$). did. or (US-6158269-\$ or US-3623483-\$ or US-5656027-\$ or US-5009634-\$ or US-5728151-\$ or US-5928218-\$ or US-5938645-\$ or US-6406471-\$ or US-6723085-\$ or US-5328459-\$ or US-5554136-\$ or US-4838855-\$ or US-5531672-\$ or US-5632897-\$ or US-6468262-\$ or US-4180074-\$ or US-5827243-\$ or US-5123903-\$ or US-6001078-\$ or US-5476450-\$ or US-5209717-\$ or US-6322513-\$ or US-5531679-\$ or US-4068664-\$ or US-5055198-\$ or US-6364847-\$ or US-5916193-\$). did. or (US-5902264-\$ or US-4705501-\$ or US-4750902-\$ or US-5336176-\$ or US-6565535-\$). did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/02/01 16:42
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## EAST Search History

S12 8	1	S127 and (detect\$3 with (fiber adj optic))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 16:43
S12 9	1	("4753640").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 17:16
S13 0	11	S127 and instructions	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 17:16
S13 1	1	("20050124969").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/04/25 13:06
S13 2	6	("20020099254" "20030040736" "2 0040044302" "3903895" "4753640"  "9888428").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/04/25 14:20
S13 3	67	"5,695,457" "3841,331" "6,699,232" "20040044302"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/04/25 14:20
S13 4	67	"5695457" "3841331" "6699232" "20040044302"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/04/25 14:21
S13 5	5	((("5695457") or ("3841331") or ("6699232") or ("20040044302")). PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/04/25 14:21
S13 6	1	("20040254523").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/06/27 10:44
S13 7	2	((("20040254523") or ("20050124969")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/06/27 10:44

## EAST Search History

S13 8	84	(US-20040054286-\$ or US-20020177800-\$ or US-20020035347-\$ or US-20030195536-\$ or US-20040044302-\$ or US-20040011740-\$ or US-20020001838-\$ or US-20050033197-\$ or US-20050027236-\$ or US-20050124969-\$ or US-20040254523-\$ or US-20040116902-\$ or US-20040019310-\$ or US-20050159716-\$ or US-20040054315-\$ or US-20060013772-\$ or US-20050085769-\$ or US-20050020973-\$ or US-20020099254-\$ or US-20050230313-\$ or US-20040167385-\$ or US-20010044591-\$ or US-20030040736-\$).did. or (US-5527292-\$ or US-4563170-\$ or US-4666426-\$ or US-4648865-\$ or US-5827229-\$ or US-4316466-\$ or US-6398773-\$ or US-6849068-\$ or US-6960189-\$ or US-5984892-\$ or US-5779687-\$ or US-5799660-\$ or US-4759349-\$ or US-4240433-\$ or US-6929751-\$ or US-5441482-\$ or US-4787882-\$ or US-6562020-\$ or US-6488671-\$ or US-3963028-\$ or US-5358507-\$ or US-5522826-\$ or US-5588952-\$ or US-4228798-\$ or US-5419769-\$ or US-5484399-\$). did. or (US-6158269-\$ or US-3623483-\$ or US-5656027-\$ or US-5009634-\$ or US-5728151-\$ or US-5928218-\$ or US-5938645-\$ or US-6406471-\$ or US-6723085-\$ or US-5328459-\$ or US-5554136-\$ or US-5531672-\$ or US-4838855-\$ or US-5632897-\$ or US-6468262-\$ or US-4180074-\$ or US-4753640-\$ or US-5827243-\$ or US-5123903-\$ or US-6001078-\$ or US-5476450-\$ or US-5209717-\$ or US-6322513-\$ or US-5531679-\$ or US-4068664-\$ or US-5055198-\$ or US-6364847-\$). did. or (US-5695457-\$ or US-5916193-\$ or US-5902264-\$ or US-4705501-\$ or US-4750902-\$ or US-5336176-\$ or US-6565535-\$). did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/28 11:12
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## EAST Search History

S13 9	56	S138 and (kit or directions or instructions)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/07/28 11:13
S14 0	18	S138 and (kit or instructions)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/07/28 11:13
S14 1	1	"20050124969"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 13:03
S14 2	10	("20020099254" "20020099254" "20030040736" "20040011740" "20040044302" "20040167385" "20050085769" "3903895" "4666426" "4753640" "4753640").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 13:56
S14 3	6	604/503 and ((aspirate or suction or withdraw) with (heart or artery or sinus or coronary or vascular or cardiovascular))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:25
S14 4	0	604/504 and ((aspirate or suction or withdraw) with (heart or artery or sinus or coronary or vascular or cardiovascular))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:26
S14 5	6	604/503 and ((aspirate or suction or withdraw) with (heart or artery or sinus or coronary or vascular or cardiovascular))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 16:17
S14 6	0	S145 not S143	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:26
S14 7	0	604/504 and ((aspirate or suction or withdraw) with (heart or artery or sinus or coronary or vascular or cardiovascular))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:28
S14 8	7	604/504 and ((aspirate or suction or withdraw) and (heart or artery or sinus or coronary or vascular or cardiovascular))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:31
S14 9	30	(removal or suction or aspiration or withdrawal) with (contrast adj agent) with (catheter)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:35
S15 0	2259	(removal or suction or aspiration or withdrawal) and (contrast adj agent) and (catheter)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:35

## EAST Search History

S15 1	89	(removal or suction or aspiration or withdrawal) with (contrast adj agent) and (catheter)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:45
S15 2	67	604/505	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:45
S15 3	33	604/505 and (apsirate or remove or withdraw or suction)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:50
S15 4	2	604/575 and (apsirate or remove or withdraw or suction)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:50
S15 5	199	604/507 and (apsirate or remove or withdraw or suction)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:57
S15 6	1	("6413233").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/08/01 14:57
S15 7	50	("3140716"   "3353491"   "4158693"   "4181132"   "4190053"   "4298006"   "4397314"   "4398535"   "4416280"   "4447237"   "4476867"   "4479798"   "4572190"   "4617931"   "4658828"   "4662435"   "4667482"   "4669475"   "4719919"   "4735558"   "4854324"   "4950225"   "5026365"   "5080101"   "5080645"   "5104373"   "5116307"   "5133932"   "5150711"   "5180896"   "5188738"   "5197466"   "5213483"   "5254094"   "5261874"   "5354277"   "5385540"   "5391142"   "5429594"   "5437278"   "5492109"   "5494822"   "5674190"   "5730720"   "5752813"   "5817045").PN. OR ("6413233").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 15:44
S15 8	1	S157 and (sinus)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 15:33
S15 9	43	(coronary adj sinus) with (aspirate or collect or withdraw or suction)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 15:34

## EAST Search History

S16 0	6	S157 and balloon	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 15:46
S16 1	4	S157 and occlude	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 15:46

## EAST Search History

S16 2	88	(US-20040054286-\$ or US-20020177800-\$ or US-20020035347-\$ or US-20030195536-\$ or US-20040044302-\$ or US-20040011740-\$ or US-20020001838-\$ or US-20050033197-\$ or US-20050027236-\$ or US-20040254523-\$ or US-20050124969-\$ or US-20040116902-\$ or US-20040019310-\$ or US-20050159716-\$ or US-20040054315-\$ or US-20060013772-\$ or US-20050085769-\$ or US-20050020973-\$ or US-20020099254-\$ or US-20050230313-\$ or US-20040167385-\$ or US-20030040736-\$ or US-20010044591-\$).did. or (US-5385540-\$ or US-5527292-\$ or US-4648865-\$ or US-4563170-\$ or US-4666426-\$ or US-5827229-\$ or US-4316466-\$ or US-6398773-\$ or US-6849068-\$ or US-6146370-\$ or US-6960189-\$ or US-5984892-\$ or US-5779687-\$ or US-5799660-\$ or US-4759349-\$ or US-4240433-\$ or US-6929751-\$ or US-5441482-\$ or US-4787882-\$ or US-6562020-\$ or US-6488671-\$ or US-3963028-\$ or US-5522826-\$ or US-5358507-\$ or US-5588952-\$ or US-4228798-\$). did. or (US-5419769-\$ or US-5484399-\$ or US-6158269-\$ or US-3623483-\$ or US-5656027-\$ or US-5009634-\$ or US-5728151-\$ or US-5928218-\$ or US-5938645-\$ or US-6723085-\$ or US-6406471-\$ or US-5328459-\$ or US-5554136-\$ or US-5531672-\$ or US-4838855-\$ or US-5632897-\$ or US-6468262-\$ or US-4180074-\$ or US-4753640-\$ or US-5827243-\$ or US-5123903-\$ or US-6001078-\$ or US-5476450-\$ or US-5209717-\$ or US-6322513-\$ or US-5531679-\$ or US-4068664-\$). did. or (US-5055198-\$ or US-6364847-\$ or US-6413233-\$ or US-5695457-\$ or US-5916193-\$ or US-6152141-\$ or US-5902264-\$ or US-4705501-\$ or US-4750902-\$ or US-5336176-\$ or US-6565535-\$). did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/08/01 15:47
12/18/2006 6:12:37 PM		C:\Documents and Settings\ahmed7\My Documents\EAST\Workspaces\10803468.wsp				Page 23

## EAST Search History

S16 3	17	S162 and (balloon with occlude)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 15:59
S16 4	9	S162 and (optic)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 16:00
S16 5	21	S162 and (fiber ajd optic)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 16:00
S16 6	7	S162 and (fiber adj optic)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 16:00
S16 7	1552	(604/503-508,514).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/08/01 16:17
S16 8	44	S167 and ((aspirate or suction or withdraw) with (heart or artery or sinus or coronary or vascular or cardiovascular))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 16:17
S16 9	1	("6562020").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/09/22 14:49
S17 0	38	detector and ((contrast with agent ) with (removal or aspiration or suction))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/09/22 15:27



## EAST Search History

S17 1	88	(US-20040054286-\$ or US-20020177800-\$ or US-20020035347-\$ or US-20030195536-\$ or US-20040044302-\$ or US-20040011740-\$ or US-20020001838-\$ or US-20050033197-\$ or US-20050027236-\$ or US-20040254523-\$ or US-20050124969-\$ or US-20040116902-\$ or US-20040019310-\$ or US-20050159716-\$ or US-20040054315-\$ or US-20060013772-\$ or US-20050085769-\$ or US-20050020973-\$ or US-20020099254-\$ or US-20050230313-\$ or US-20040167385-\$ or US-20030040736-\$ or US-20010044591-\$).did. or (US-5385540-\$ or US-5527292-\$ or US-4563170-\$ or US-4666426-\$ or US-4648865-\$ or US-5827229-\$ or US-4316466-\$ or US-6398773-\$ or US-6849068-\$ or US-6146370-\$ or US-6960189-\$ or US-5984892-\$ or US-5779687-\$ or US-5799660-\$ or US-4759349-\$ or US-4240433-\$ or US-6929751-\$ or US-5441482-\$ or US-4787882-\$ or US-6562020-\$ or US-6488671-\$ or US-3963028-\$ or US-5358507-\$ or US-5522826-\$ or US-5588952-\$ or US-4228798-\$). did. or (US-5419769-\$ or US-5484399-\$ or US-6158269-\$ or US-3623483-\$ or US-5656027-\$ or US-5009634-\$ or US-5728151-\$ or US-5928218-\$ or US-5938645-\$ or US-6723085-\$ or US-6406471-\$ or US-5328459-\$ or US-5554136-\$ or US-5531672-\$ or US-4838855-\$ or US-5632897-\$ or US-6468262-\$ or US-4180074-\$ or US-4753640-\$ or US-5827243-\$ or US-5123903-\$ or US-6001078-\$ or US-5476450-\$ or US-5209717-\$ or US-6322513-\$ or US-5531679-\$ or US-4068664-\$). did. or (US-5055198-\$ or US-6364847-\$ or US-6413233-\$ or US-5695457-\$ or US-5916193-\$ or US-6152141-\$ or US-5902264-\$ or US-4705501-\$ or US-4750902-\$ or US-5336176-\$ or US-6565535-\$). did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/09/22 18:32
12/18/2006 6:12:37 PM C:\Documents and Settings\ahmed7\My Documents\EAST\Workspaces\10803468.wsp						

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## EAST Search History

S17 2	9	S171 and (fiber with optic)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/22 18:33
S17 3	3	S171 and (detect same (fiber with optic))	US-PGPUB; USPAT; EPO	OR	ON	2006/09/22 18:33
S17 4	13	("20010044591" "20020099254" "20020099254" "20030040736" "20040011740" "20040044302" "20040167385" "20050085769" "3903895" "4666426" "4753640" "4753640" "6413233" "6562020").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/11/09 11:23
S17 5	1	("20040254523").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/11/09 11:29
S17 6	0	aspirate with detect with sinus	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/11/09 11:39
S17 7	20	detect and (aspirate with sinus)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/11/09 11:40
S17 8	16988	(604/19-81).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/11/09 11:43
S17 9	327	S178 and (detect and ((suction or aspirate or withdraw) with (fluid or agent)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/11/09 11:45

## EAST Search History

S18 0	88	(US-20040054286-\$ or US-20020035347-\$ or US-20020177800-\$ or US-20030195536-\$ or US-20040011740-\$ or US-20040044302-\$ or US-20020001838-\$ or US-20050033197-\$ or US-20050027236-\$ or US-20040254523-\$ or US-20050124969-\$ or US-20040116902-\$ or US-20040019310-\$ or US-20050159716-\$ or US-20040054315-\$ or US-20060013772-\$ or US-20050020973-\$ or US-20050085769-\$ or US-20020099254-\$ or US-20050230313-\$ or US-20040167385-\$ or US-20010044591-\$ or US-20030040736-\$).did. or (US-5385540-\$ or US-5527292-\$ or US-4563170-\$ or US-4648865-\$ or US-4666426-\$ or US-5827229-\$ or US-4316466-\$ or US-6398773-\$ or US-6849068-\$ or US-6146370-\$ or US-6960189-\$ or US-5984892-\$ or US-5779687-\$ or US-5799660-\$ or US-4759349-\$ or US-4240433-\$ or US-6929751-\$ or US-5441482-\$ or US-4787882-\$ or US-6488671-\$ or US-6562020-\$ or US-3963028-\$ or US-5522826-\$ or US-5358507-\$ or US-5588952-\$ or US-4228798-\$). did. or (US-5419769-\$ or US-5484399-\$ or US-6158269-\$ or US-3623483-\$ or US-5656027-\$ or US-5009634-\$ or US-5728151-\$ or US-5928218-\$ or US-5938645-\$ or US-6406471-\$ or US-6723085-\$ or US-5328459-\$ or US-5554136-\$ or US-5531672-\$ or US-4838855-\$ or US-5632897-\$ or US-6468262-\$ or US-4180074-\$ or US-4753640-\$ or US-5827243-\$ or US-5123903-\$ or US-6001078-\$ or US-5476450-\$ or US-5209717-\$ or US-6322513-\$ or US-5531679-\$ or US-4068664-\$). did. or (US-5055198-\$ or US-6364847-\$ or US-6413233-\$ or US-5695457-\$ or US-5916193-\$ or US-6152141-\$ or US-5902264-\$ or US-4705501-\$ or US-4750902-\$ or US-5336176-\$ or US-6565535-\$). did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/11/09 14:39
12/18/2006 6:12:37 PM		C:\Documents and Settings\ahmed7\My Documents\EAST\Workspaces\10803468.wsp				Page 27

## EAST Search History

S18 1	0	S180 and (contrast with agent) and (coronary with sinus)	US-PGPUB; USPAT; EPO	OR	ON	2006/11/09 13:48
S18 2	11	S180 and (contrast with agent) and (coronary with sinus)	US-PGPUB; USPAT; EPO	OR	ON	2006/11/09 13:48
S18 3	4	S180 and (contrast with agent) and (coronary with sinus) and (detector)	US-PGPUB; USPAT; EPO	OR	ON	2006/11/09 13:49
S18 4	11	S180 and (contrast with agent) and (coronary with sinus)	US-PGPUB; USPAT; EPO	OR	ON	2006/11/09 14:36
S18 5	8	S180 and (contrast with agent) and (detector or sensor)	US-PGPUB; USPAT; EPO	OR	ON	2006/11/09 14:37
S18 6	2	S180 and (contrast with agent) and (detector or sensor) not occlude	US-PGPUB; USPAT; EPO	OR	ON	2006/11/09 14:37
S18 7	8	S180 and (contrast with agent) and (detector or sensor)	US-PGPUB; USPAT; EPO	OR	ON	2006/11/09 14:39
S18 8	15	S179 and (contrast with agent) and (detector or sensor)	US-PGPUB; USPAT; EPO	OR	ON	2006/11/09 14:39
S18 9	2	((("6554819") or ("6537495"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/11/09 14:49
S19 0	217	(contrast with agent) with detector	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/11/09 14:49

## EAST Search History

S19 1	89	(US-20040054286-\$ or US-20020035347-\$ or US-20020177800-\$ or US-20030195536-\$ or US-20040011740-\$ or US-20040044302-\$ or US-20020001838-\$ or US-20050033197-\$ or US-20050027236-\$ or US-20040254523-\$ or US-20050124969-\$ or US-20040116902-\$ or US-20040019310-\$ or US-20050159716-\$ or US-20040054315-\$ or US-20060013772-\$ or US-20050020973-\$ or US-20050085769-\$ or US-20020099254-\$ or US-20050230313-\$ or US-20040167385-\$ or US-20010044591-\$ or US-20030040736-\$).did. or (US-5385540-\$ or US-5527292-\$ or US-4563170-\$ or US-4648865-\$ or US-4666426-\$ or US-5827229-\$ or US-4316466-\$ or US-6398773-\$ or US-6849068-\$ or US-6146370-\$ or US-6960189-\$ or US-5984892-\$ or US-5779687-\$ or US-5799660-\$ or US-4759349-\$ or US-4240433-\$ or US-6929751-\$ or US-5441482-\$ or US-4787882-\$ or US-6488671-\$ or US-6562020-\$ or US-3963028-\$ or US-5522826-\$ or US-5358507-\$ or US-5588952-\$ or US-4228798-\$). did. or (US-5419769-\$ or US-5484399-\$ or US-6158269-\$ or US-3623483-\$ or US-5656027-\$ or US-5009634-\$ or US-5728151-\$ or US-5928218-\$ or US-5938645-\$ or US-6406471-\$ or US-6723085-\$ or US-5328459-\$ or US-5554136-\$ or US-5531672-\$ or US-4838855-\$ or US-5632897-\$ or US-6468262-\$ or US-4180074-\$ or US-4753640-\$ or US-5827243-\$ or US-5123903-\$ or US-6001078-\$ or US-6554819-\$ or US-5476450-\$ or US-5209717-\$ or US-6322513-\$ or US-5531679-\$). did. or (US-4068664-\$ or US-5055198-\$ or US-6364847-\$ or US-6413233-\$ or US-5695457-\$ or US-5916193-\$ or US-6152141-\$ or US-5902264-\$ or US-4705501-\$ or US-4750902-\$ or US-5336176-\$ or US-6565535-\$).did. or (US-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/11/09 14:56
12/18/2006 6:12:37 PM		C:\Documents and Settings\ashm\My Documents\EAST\Workspaces\10803468.wsp				Page 29

## EAST Search History

S19 2	17	S191 and (contrast with agent)	US-PGPUB; USPAT; EPO	OR	ON	2006/11/09 14:56
S19 3	3	S191 and ((remove or aspirate or suction) with (contrast with agent))	US-PGPUB; USPAT; EPO	OR	ON	2006/11/09 15:09
S19 4	1412	(604/27-29).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/11/09 15:09
S19 5	118	S194 and ((contrast with agent) or radio)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/11/09 15:10
S19 6	28	S194 and (contrast with agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/11/09 15:10
S19 7	1	S194 and ((remove or aspirate or suction) with (contrast with agent))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/11/09 15:11
S19 8	50	S194 and ((remove or aspirate or suction) with (agent))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/11/09 15:15
S19 9	52	S194 and ((remove or aspirate or suction) with (dye or agent))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/11/09 15:15
S20 0	2	S199 not S198	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/11/09 15:15
S20 1	244	600/4	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/15 12:02
S20 2	6	("20030120202" "20040044302" "3841331" "5695457" "6699232").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/15 11:43
S20 3	1	("6186146").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/12/15 11:46

## EAST Search History

S20 4	8200	128/898	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/15 11:47
S20 5	47	128/898 and (contrast with (remove or suction))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/15 11:47

## EAST Search History

S20 6	138	("2642874"   "3045677"   "3411506"   "3516408"   "3647324"   "3811800"   "3837347"   "3851649"   "3864055"   "3888250"   "3957389"   "3959128"   "3970408"   "3995617"   "4013564"   "4037984"   "4047526"   "4048064"   "4059512"   "4127481"   "4140652"   "4171283"   "4183811"   "4192302"   "4206050"   "4218321"   "4231366"   "4250141"   "4300550"   "4300551"   "4303521"   "4313831"   "4376707"   "4385631"   "4416280"   "4423725"   "4445892"   "4500309"   "4540402"   "4546759"   "4563170"   "4573966"   "4609461"   "4610662"   "4634604"   "4636195"   "4648865"   "4655746"   "4666426"   "4681764"   "4696668"   "4705502"   "4708718"   "4714460"   "4728432"   "4731055"   "4741328"   "4744366"   "4781677"   "4820261"   "4828882"   "4832034"   "4832839"   "4867742"   "4883459"   "4897189"   "4897200"   "4911163"   "4913701"   "4955857"   "4959148"   "4988569"   "5002559"   "5004455"   "5021045"   "5028339"   "5033998"   "5047180"   "5051185"   "5064949"   "5069662"   "5084031"   "5087247"   "5102390"   "5106363"   "5120323"   "5122115"   "5129883"   "5135474"   "5135484"   "5158540"   "5161547"   "5161773"   "5163910"   "5167622"   "5167623"   "5178608"   "5186712"   "5188595"   "5200181"   "5209239"   "5209717"   "5209723"   "5211849"   "5226427"   "5236417"   "5254089"   "5279546"   "5281200"   "5286259"   "5304121"   "5312344"   "5324261"   "5338301"   "5360403"   "5370614"   "5397307"   "5397310"   "5398687"   "5405320"   "5411479"   "5423745"   "5458583"   "5460610"   "5462529").PN. OR ("5489274"   "5505698"   "5509897"   "5569182"   "5597377"   "5609598"   "5728066"   "Re28742").PN. OR ("6186146").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/15 11:48
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## EAST Search History

S20 7	332	(remov\$3 with contrast).clm.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/15 12:03
S20 8	55	("600"/\$.ccls. or "604"/\$.ccls. or "606"/\$.ccls. or "128"/\$.ccls.) and ((remov\$3 with contrast).clm.)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/15 12:28
S20 9	159	604/4.01 and (contrast)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/15 12:28